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MINUTES FROM ORLANDO PARTNERING TEAM MEETING ON 16 AUGUST 2000 NTC
ORLANDO FL
8/16/2000
NAVFAC SOUTHERN

ORLANDO PARTNERING TEAM - MEETING

Date: 16, 17 August 2000
Location: Orlando
Team Leader: Rick Allen
Recorder: Dave Grabka
Gatekeeper/Timekeeper: Wayne Hansel
Facilitator: Stephanie Fraser-Beekman (email: drsbeekman@aol.com)

ATTENDEES**OPT MEMBERS:**

Rick Allen
David Grabka
Wayne Hansel
Steve McCoy
Nancy Rodriguez
Steve Tsangaris

SUPPORT MEMBERS:

Barbara Nwokike

GUESTS:

Greg Brown (FDEP)
Mark Salvetti (HLA)
John Kaiser (HLA)

HANDOUTS DISCUSSED AT THE MEETING

1. UST/IR Update and Status – August 2000 (Rick)
2. SA 40 arsenic concentrations in Soil – Steve M.
3. SA 40 grid map – Steve M.
4. SA 54 sample results – Steve M.
5. OU 1 June 2000 groundwater monitoring results – Steve T.
6. OU 1 December 1999 groundwater monitoring well results – Steve T.
7. OU 3 IROD Response to Comments – Rick
8. The Dynamics of Type - Stephanie
9. SA 17 Confirm. Sampling Data Report/SA 17 injection points packet – Steve T.

16 August 2000**CHECK-IN**

Rick said things have been pretty lonely lately. Ailing cat is gone and wife is in Maine. For Dave, same old, same old; still occasionally dogsitting. Nancy passed her P.E. exam; got \$500 voucher from airline. Steve M. took a vacation, played a lot of golf. Played some glowball golf at night. Does not want to have to do it again. Hands have become numb, taking steroids to correct. Wayne's wife is depressed, daughter is gone (Ecuador). Daughter is having a great time, has stayed with the Indians. He's been having a wonderful time down here in Orlando, digging and hauling dirt, arguing with the lawyers. Steve T. has been super busy at work. Dozen cars were broken into in his neighborhood. Next big purchase is going to be a pool with a spa. Stephanie; opened a charter school, trying to work through Oceola County's process, buildings have been red tagged. Still don't have the state funds. Good things are the successes with the kids. Did get RoadRunner cable modem, very pleased with it. Barbara arrived late due to new rental car agency, Americar.

Action Items

Went through action items (see revised list at end of minutes).

Celebration

Nancy got her "Killer" cake. According to Nancy, cake is harder than the test.

UST/IR/Transfer Updates

UST/IR: See handout (updates are bold/italicized in the handout) and action items developed during discussion.

Transfer:

- Washington disappointed only 1.6 acres transferred last month.
- Looking to transfer communication building at Herndon this month.
- Working on deeds for FAA conveyance at Herndon and McCoy.
- Public benefit conveyance to city at McCoy.
- Part of multi-modal area will be going to city instead of GOAA.
- VA has requested Area C. City has recently shown some interest as well.

SA 35, 40, 54 Update

SA 35 has been delineated and area has been dug out. Testing fill dirt prior to filling in hole.

SA 40 results were handed out. Did not show full delineation of arsenic. This led to taking a more aggressive approach. Gridded out ball park areas. We are looking to possibly mix/blend site to remediate site to residential SCTLs. Debris may preclude mixing/blending scenario.

SA 54 sample results were handed out. Only two samples are left to be analyzed, sample points 85 and 88. Some samples have had as much as 20,000 ppb PAHs.

OU 1 Monitoring

Steve T. handed out monitoring result sheets for December 1999 and June 2000. Two foot drop in gw elevations between December 1999 and June 2000, probably due to the drought. Because there was only a couple of feet of water in some of the shallow wells and because water came out very turbid, showed higher concentrations, especially OLD-U1-22A. There was a shallow depression (sinkhole) noted in parking lot area. Another, smaller depression was noted in June 2000, measuring 10' by 10' by 1 foot deep. Someone is putting in wells outside of the fenced area.

OU 3 Treatability Study (Column Studies)

Activated Alumina was the definite winner. Pretty much handled all the arsenic that was thrown at it. Iron modified zeolite was close to the saturation point after several days.

OU 3 IROD Response to Comments

Rick handed out Response to Comments letter. Team to look at e-mailed redline/strikeout version of IROD to make sure suggested changes were made in the IROD.

RAB preparation – OU 4 retrofit, SA 39 IRA, SA 2 ORC

Discussed slides to be presented at the RAB meeting.

17 August 2000

Training

Stephanie discussed the dynamics of type as theorized by Jung. Team failed test with the 13 nails.

IDW Update

58 drums left after last meeting, 6 of which we had disposal data on, 52 of which we needed to collect data. We will be generating approximately 50 drums with work with SA 36, and they will be disposed of by end of next week. All but 1 or 2 drums on Herndon Annex that were generated by GOAA have been removed by the city. Have several old drums associated with 7174 that need to be disposed of. HLA to find the old SAR for the site and get data to Steve.

Action Item: HLA to get old SAR data for 7174 to TetraTech so TetraTech can dispose of drums.

SA 17 update

Steve T. handed out confirmatory sampling data report and SA 17 injection points packet (3 pages). CH2M Hill has decided upon Geo-Cleanse to be the vendor for the Fenton's reagent work. Schedule is to start the injection point work in approximately 2 weeks and to start the injection in late September.

Golf Course Remediation field Trip

OU 4 permanganate study, FS costs for OU 4

Mark Salvetti gave a short presentation. Two issues to be dealt with when we go full scale. 1. well clogging 2. excess solids. Mark would like to submit final FS at the end of September after the team reviews a letter report with the major changes to the FS (chem. Ox changes).

OU 4 Interception wells

Teleconference call to discuss interception well and basis of design.

OU 2 DPT results

Steve M. gave short presentation. Did not detect any VOCs in any of the DPT points just sampled. Checked previously hot well and the subcontractor only found 2.5 ppb TCE. Data is very suspect. They have resampled monitoring well 18B (prev. hot well) to check to see if contamination is similar to what was detected previously.

SA 39 update

Steve T. gave short presentation. Still some issues, mostly in how we are going to inject the oil.

SA 2 ORC

Steve M. gave his ORC presentation.

Action Item: Steve M. to get team Oak Ridge hotel information for next meeting.

Critique, Agenda, Close-Out

+s	□'s
Nancy's P.E.	Bombed out at Main Base
Dinner at Houstons	Low energy
Training	Steve's hands
Overhead Projector	Failed heads together test
Finished on time	
Wayne's pointer	

Future Meeting Schedule

October 2 and 3 – Oak Ridge
November 15 and 16 – Orlando

ACTION ITEM SUMMARY October 2000

Action Items (Carryover)

1. Steve M., Steve T., and Rick will coordinate to complete schedule. Final will be distributed to the OPT for site management, business planning purposes, and developer coordination. Final will be uploaded to David Pullman/CH2M HILL to compile in the master schedule for SouthDiv. **Status:** Ongoing
2. Steve M.: When data are available, revise SA35 SSR, update report and revise as per comments received during the meeting. **Status:** Ongoing. Data are in, just need to put together report.
- ~~3. Steve M.: Update SA40 SSR as per comments received during the meeting and Dave's recommendation for a risk-based remedy. **Status:** Ongoing.~~
4. Wayne talk to property owners at SA 2 about contaminated groundwater. **Status:** On hold
5. Steve M.: TtNUS to initiate bench-scale treatability studies to remove As and other contaminants from OU 3 groundwater. **Status:** Done. On agenda.
6. Dave: Provide examples of sites where only secondary standards are being remediated and to present rational for rejecting the proposed SA 18 background wells. **Status:** Incomplete. Dropped.
7. Nick: Send BAP data from SA 16 ditch to Dave. **Status:** Ongoing.
8. Steve M.: check with lab to see why PQL for Dieldrin at SA 52 apparently too high (Dieldrin should not have been a J value at 0.43 ppb). **Status:** Done. High PQL because of dilution done by the lab. There is an additional step lab can do to correct for this.
9. Steve M.: add hardness testing to sampling plan at OU 3. **Status:** Done.
10. Steve M.: collect soil this week at OU 3 to determine KD. **Status:** Ongoing. Samples to be collected next week.
11. Steve M.: produce lithologic sections at SA 36. **Status:** Ongoing.
12. Steve M.: email us proposed locations for additional DPT explorations at OU 2 during the week of 7/17. **Status:** Done.
- ~~13.~~ Done Rick A./HLA to get old SAR data for 7174 to TetraTech so TetraTech can dispose of drums. **Status:**
- ~~14.~~ Done Steve M. to get team Oak Ridge hotel information for next meeting. **Status:**

ORLANDO PARTNERING TEAM

AGENDA

October 2 and 3, 2000 – Oak Ridge, TN

Team Assignments		Support	Expected guests
Team Leader:	David Grabka	Barbara Nwokike	Rick Arnseth
Recorder:	Wayne Hansel		Mike Campbell
Gate/Timekeeper:	Steve McCoy		
Facilitator:	Stephanie Fraser-Beekman		
Tier II Link:	Flip Altman		

Time	Subject	Objective	Lead
Monday – October 2, 2000			
1:00	Check-In, Action Item Review	Administration	DG
2:00	UST/IR/Transfer Updates	Information transfer	RAWH
2:30	Tier II Update	Information transfer	FA
3:00	BREAK	Leg stretch	
3:15	OU 2 DPT campaign	Information transfer/Decision	SM
4:15	OU 2 RI response to comments	Discussion	SM
4:45	SA 40 and SA 54 Update	Information transfer/decision	SM
5:30	EOD		
Tuesday – October 3, 2000			
8:00	Training	Get Smart	SFB
9:00	SA 39 vegetable oil	Information transfer	ST
9:30	SA 36 investigative results (veg. Oil?)	Information transfer	SM
10:00	OU-4 retrofit	Information transfer	ST
10:30	IDW	Information transfer	SM/ST
10:45	BREAK	Recycle	
11:00	OU 3 column study (retardation factor/Kd)	Information transfer/Decision	SM
11:45	LUNCH		
1:00	SA 17 Update (Fenton's reagent)	Information transfer/status	ST
1:30	SA 2 ORC treatability study	Information transfer	SM
2:00	OU 4 update/discussion	Information transfer/discussion	RA
2:45	BREAK	Recharge batteries	
3:00	Checkout/Agenda/Plus-Delta		DG
4:00	Adjourn	Travel Safe	SM